

FIG. 1

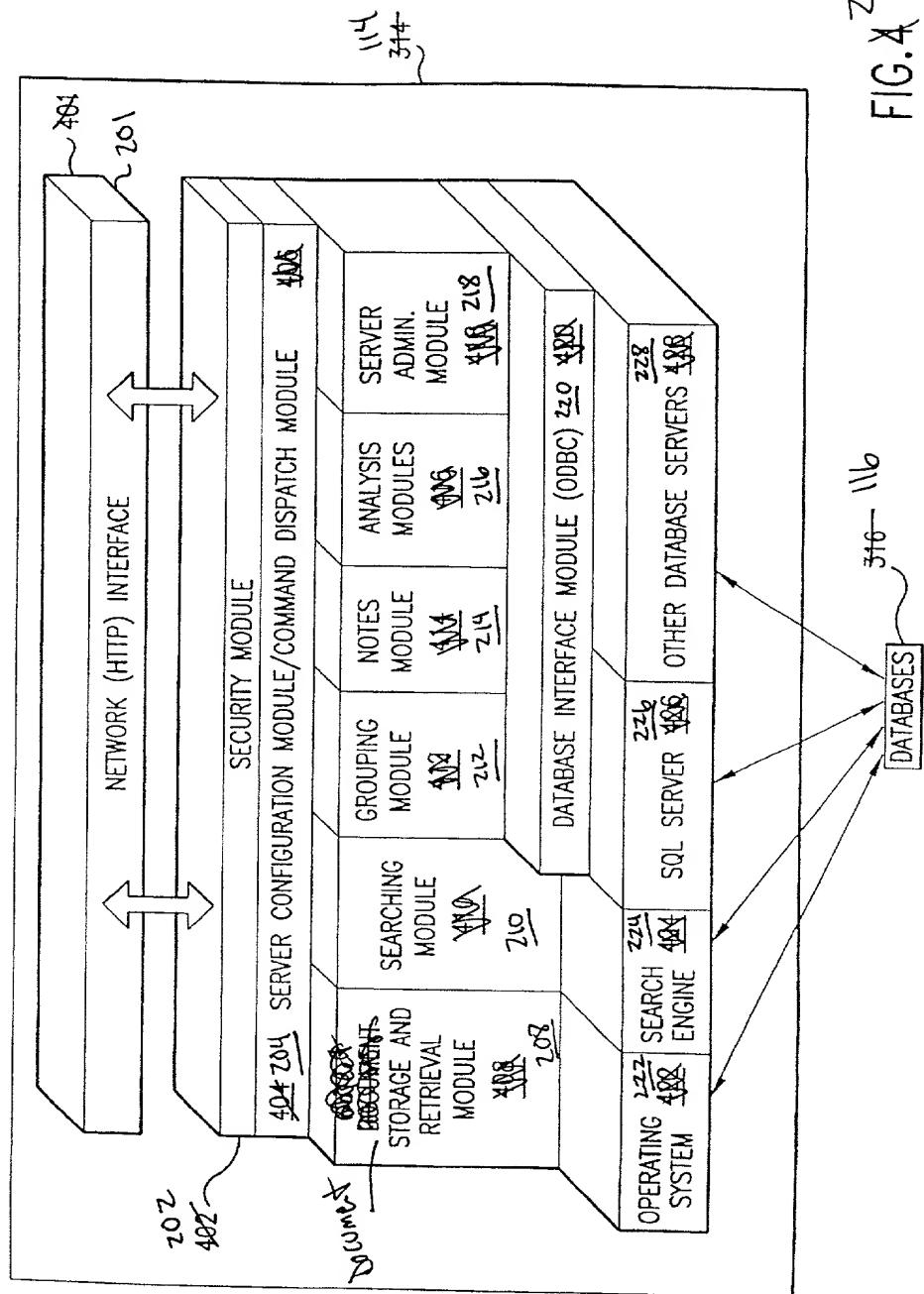


FIG. 4²

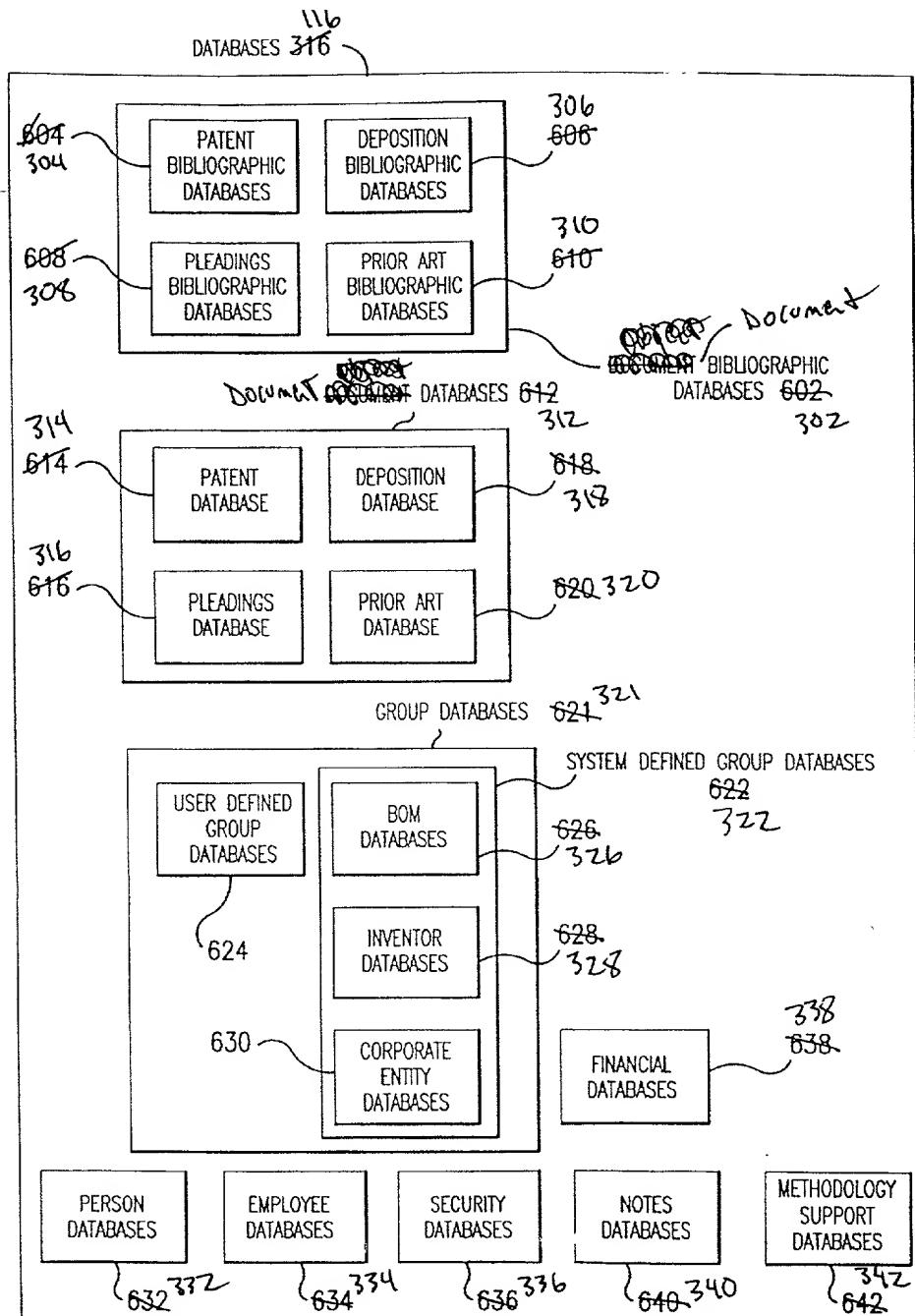


FIG. 6
3

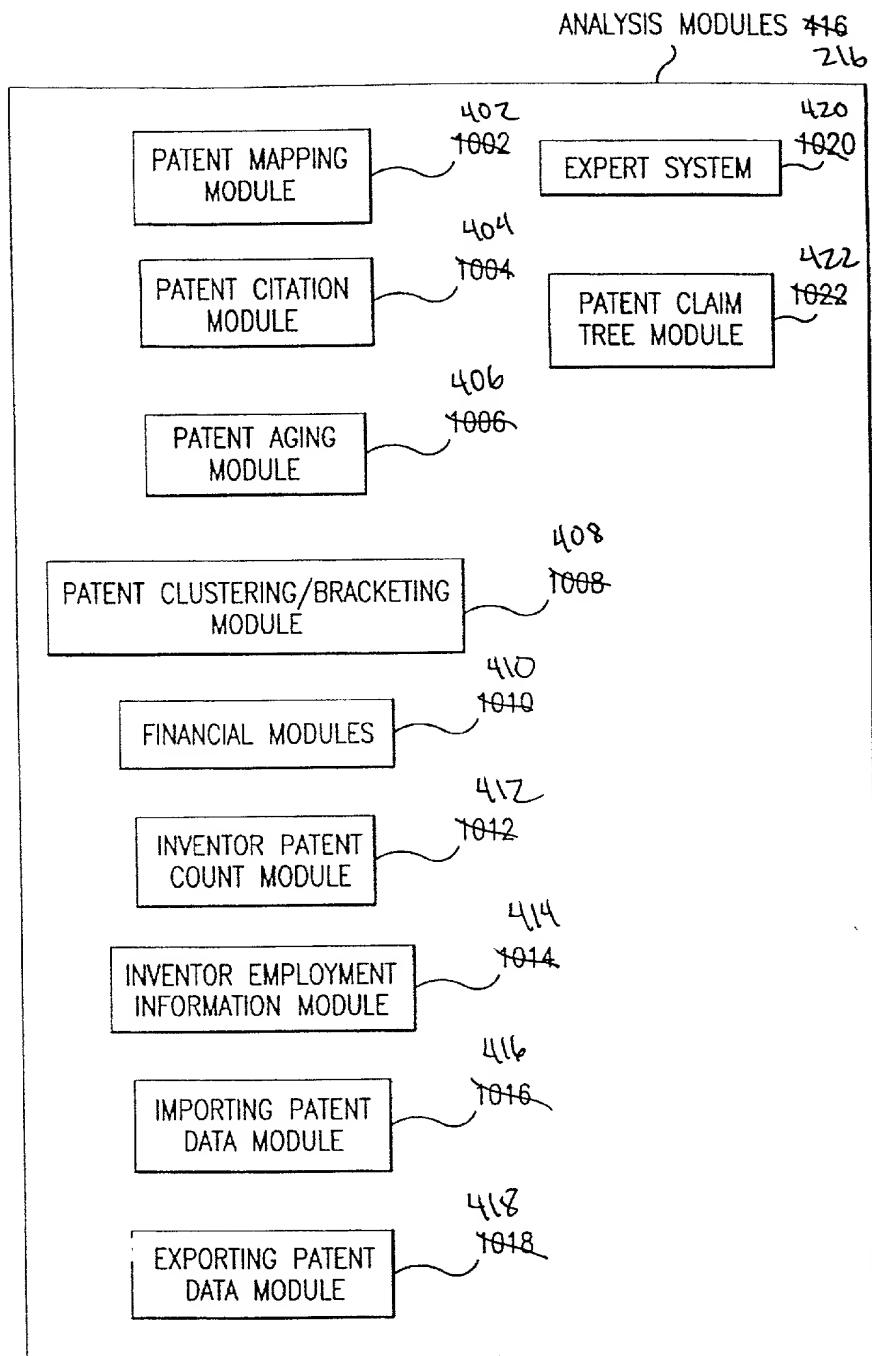
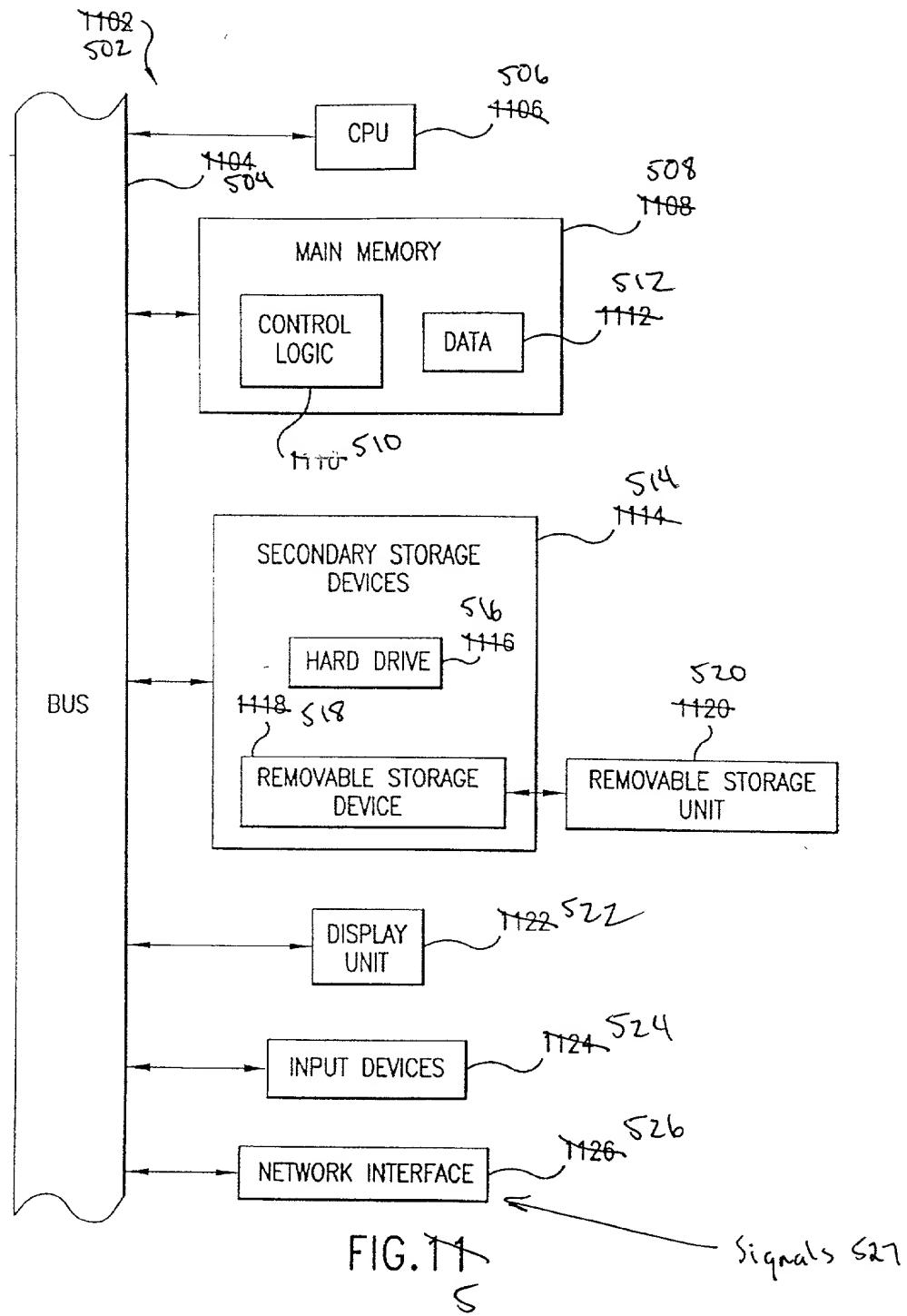


FIG.10
4



602

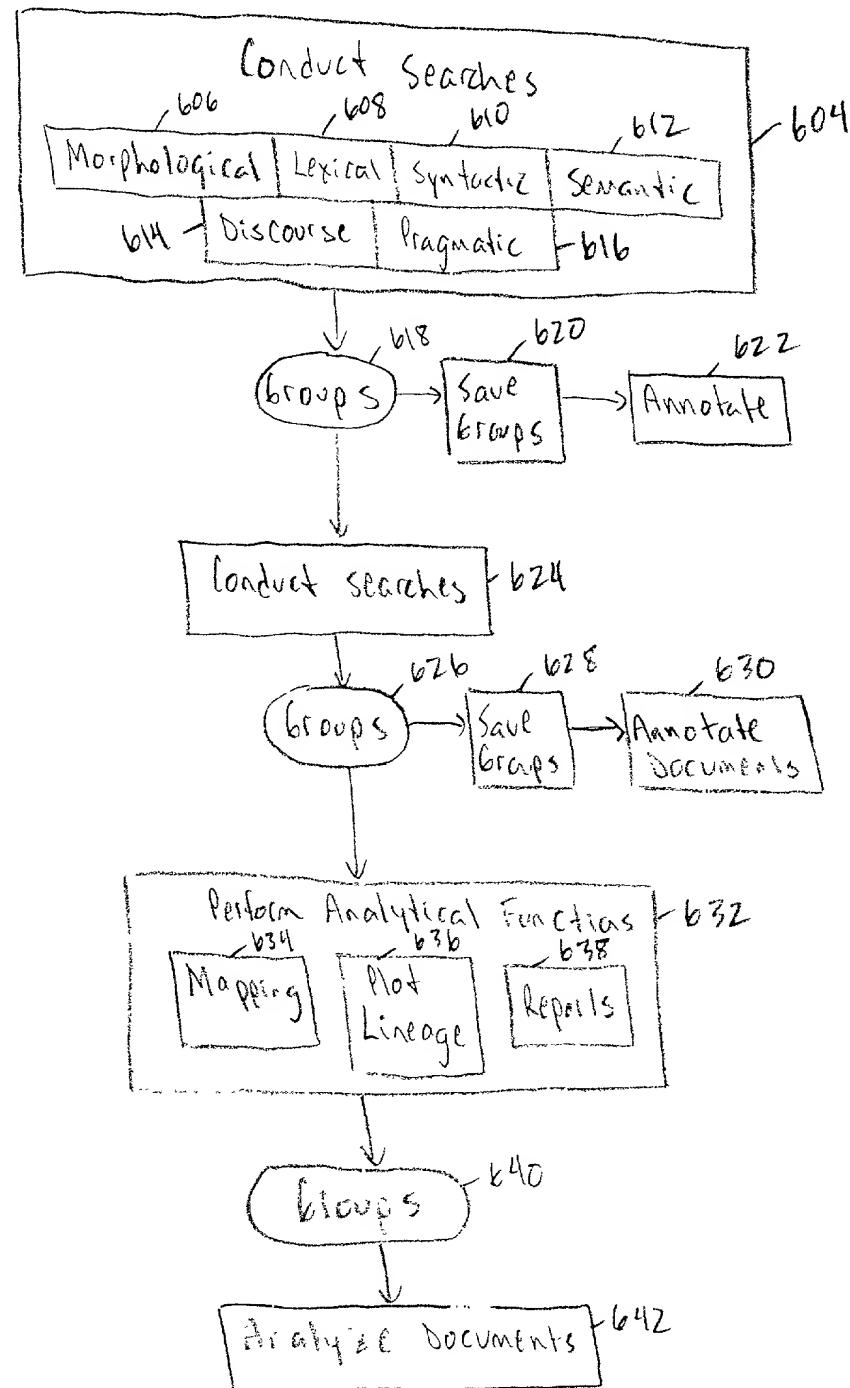


FIG. b

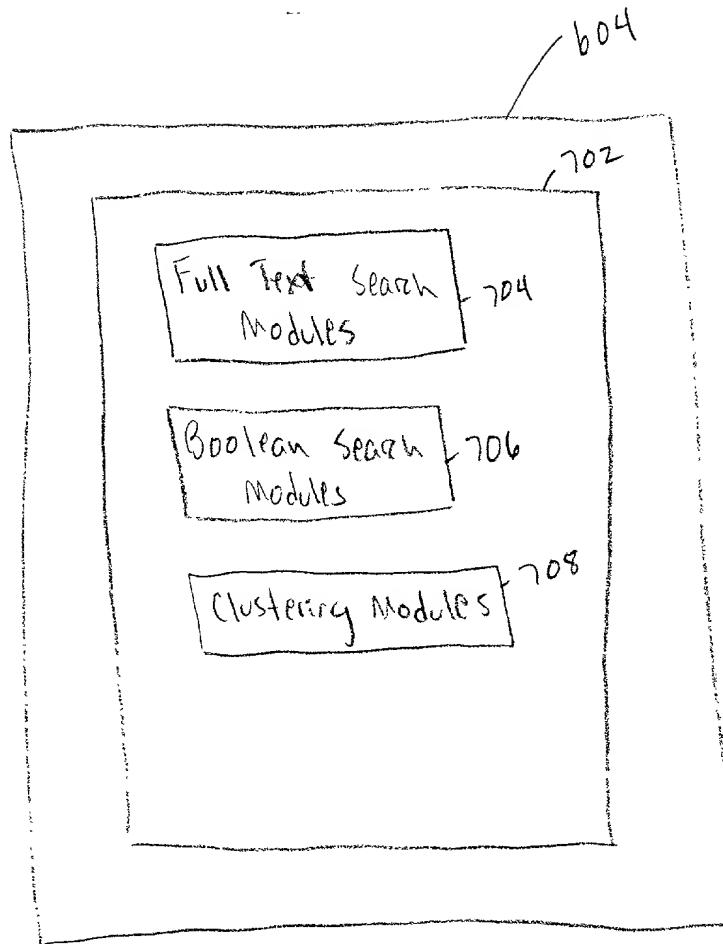


FIG. 7

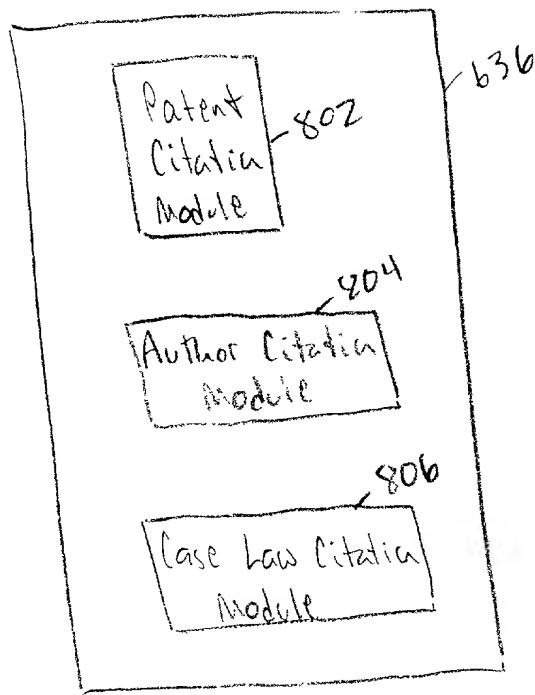


FIG. 8

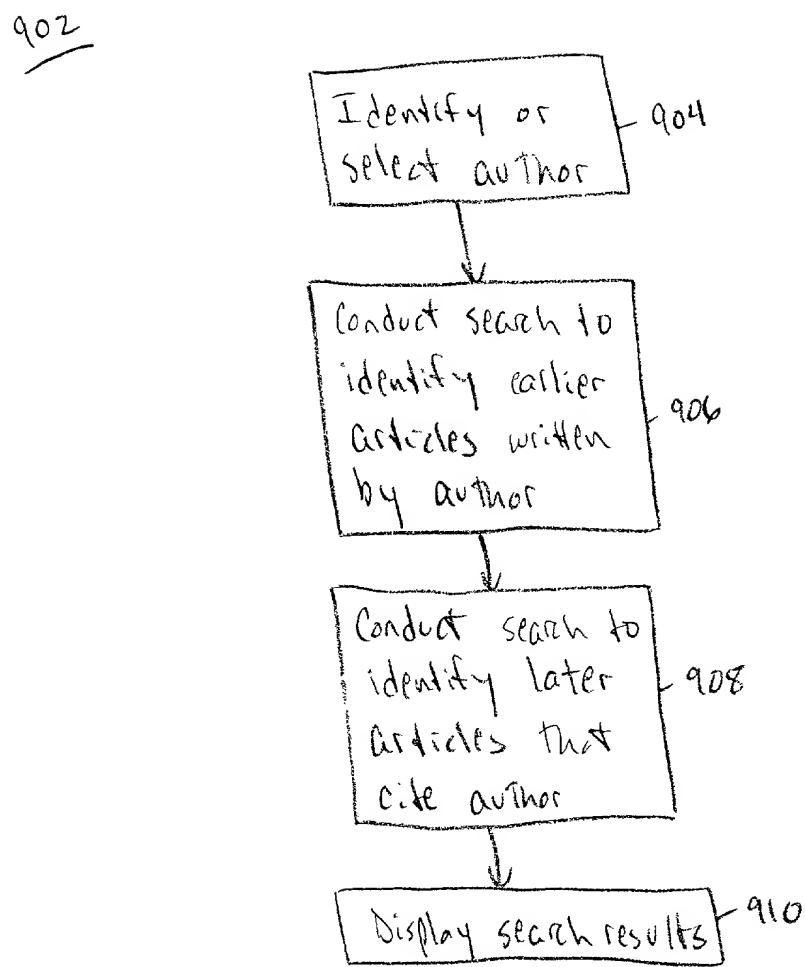


FIG. 9

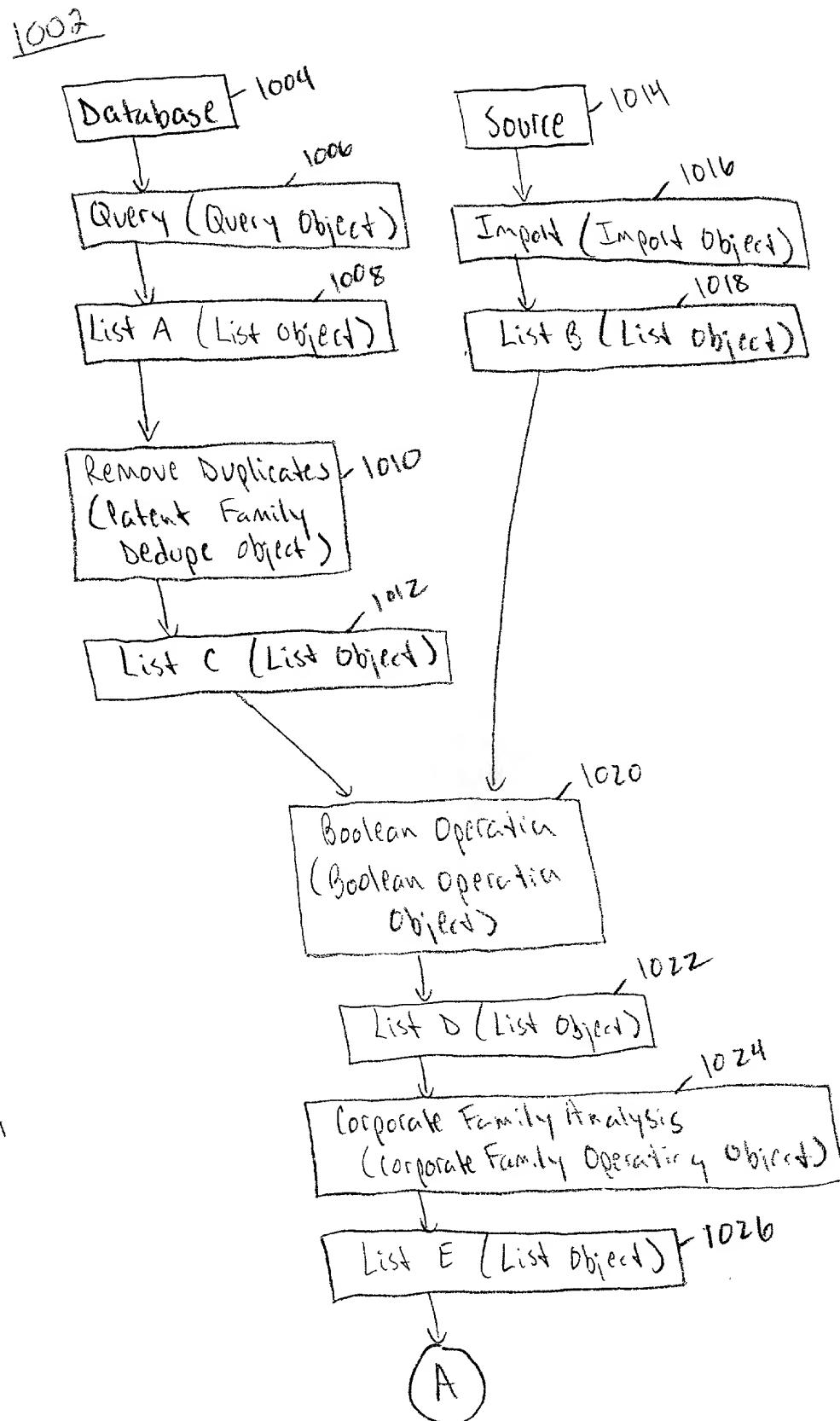


FIG. 10A

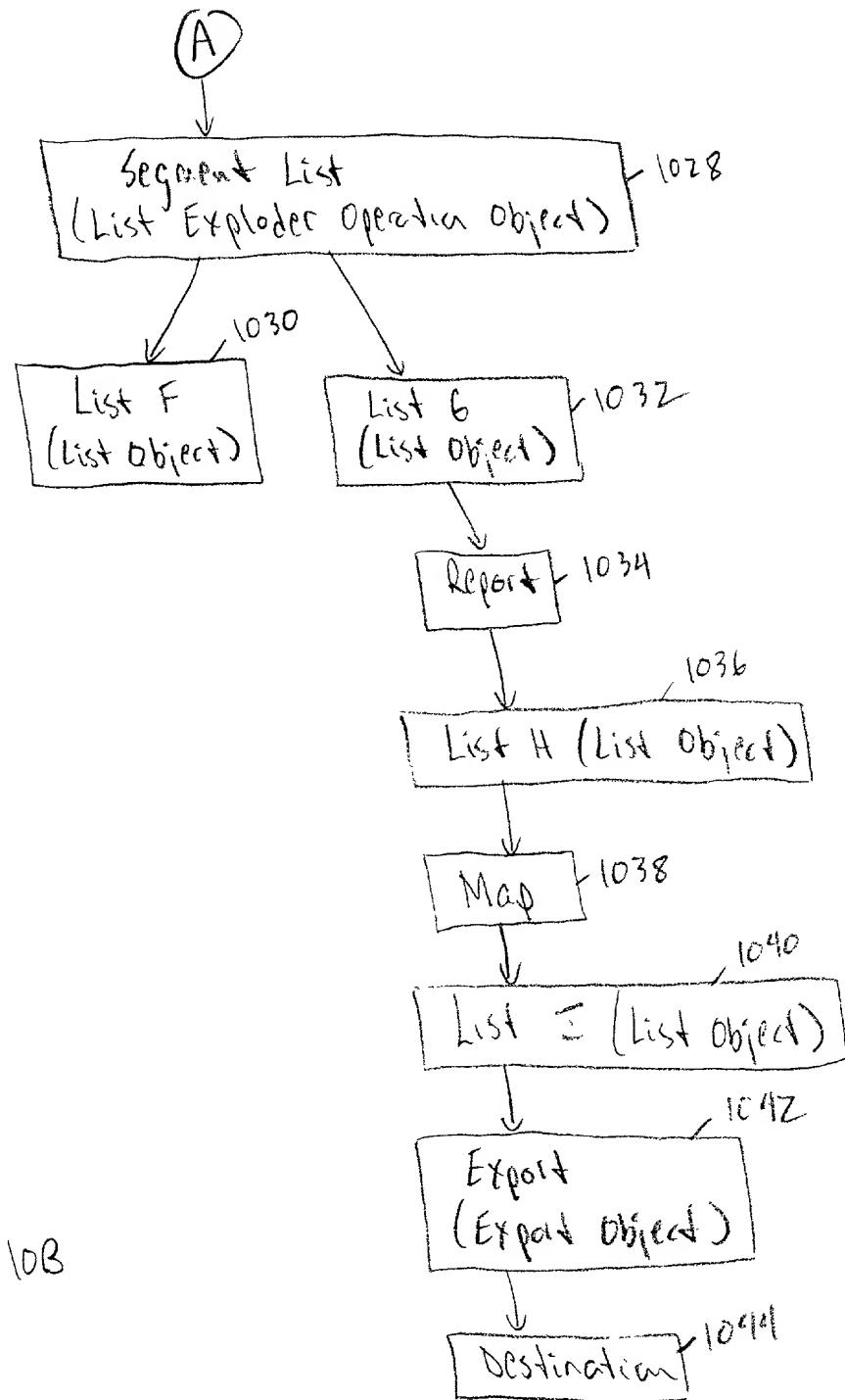


FIG. 10B

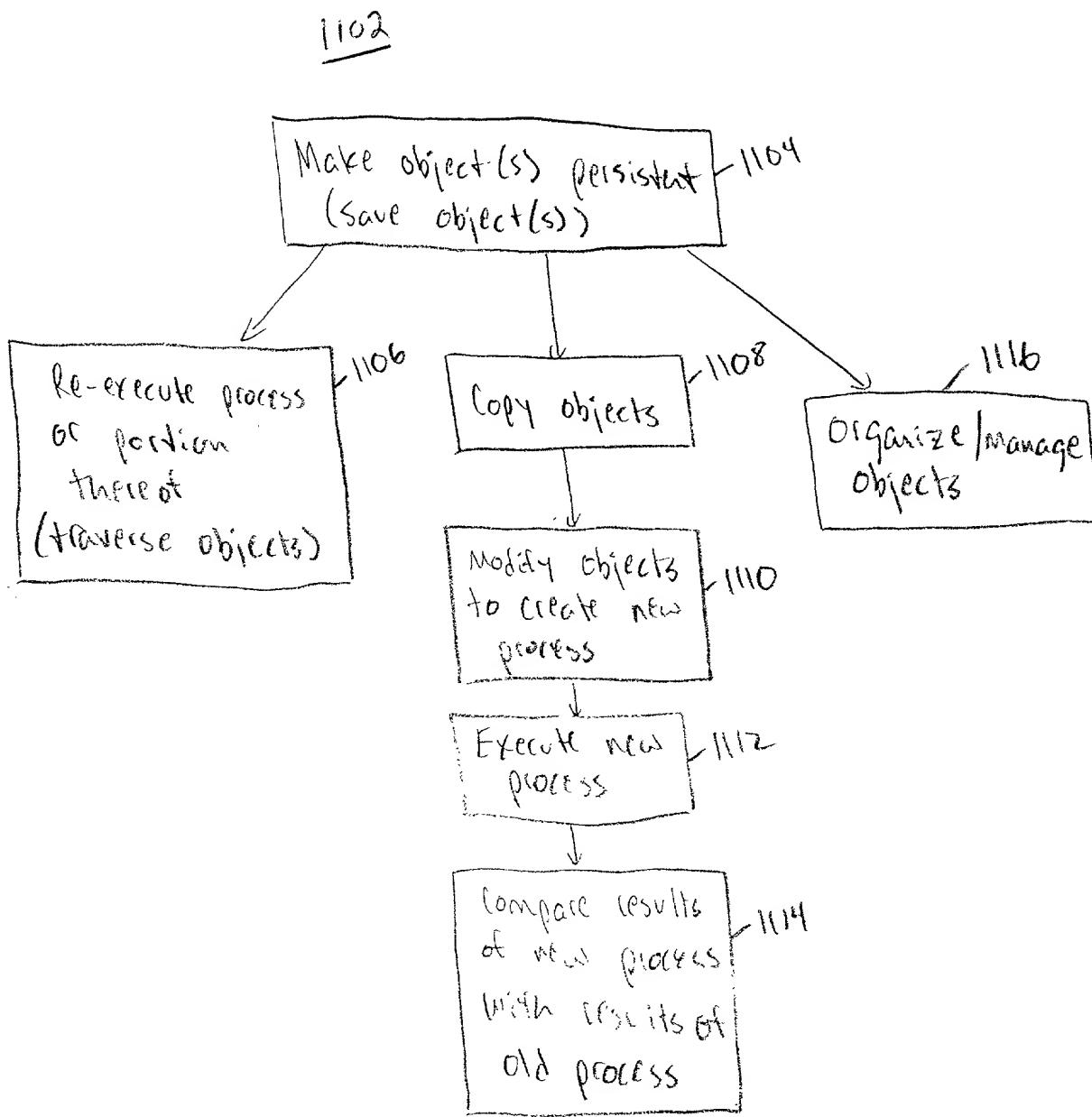


FIG. 11

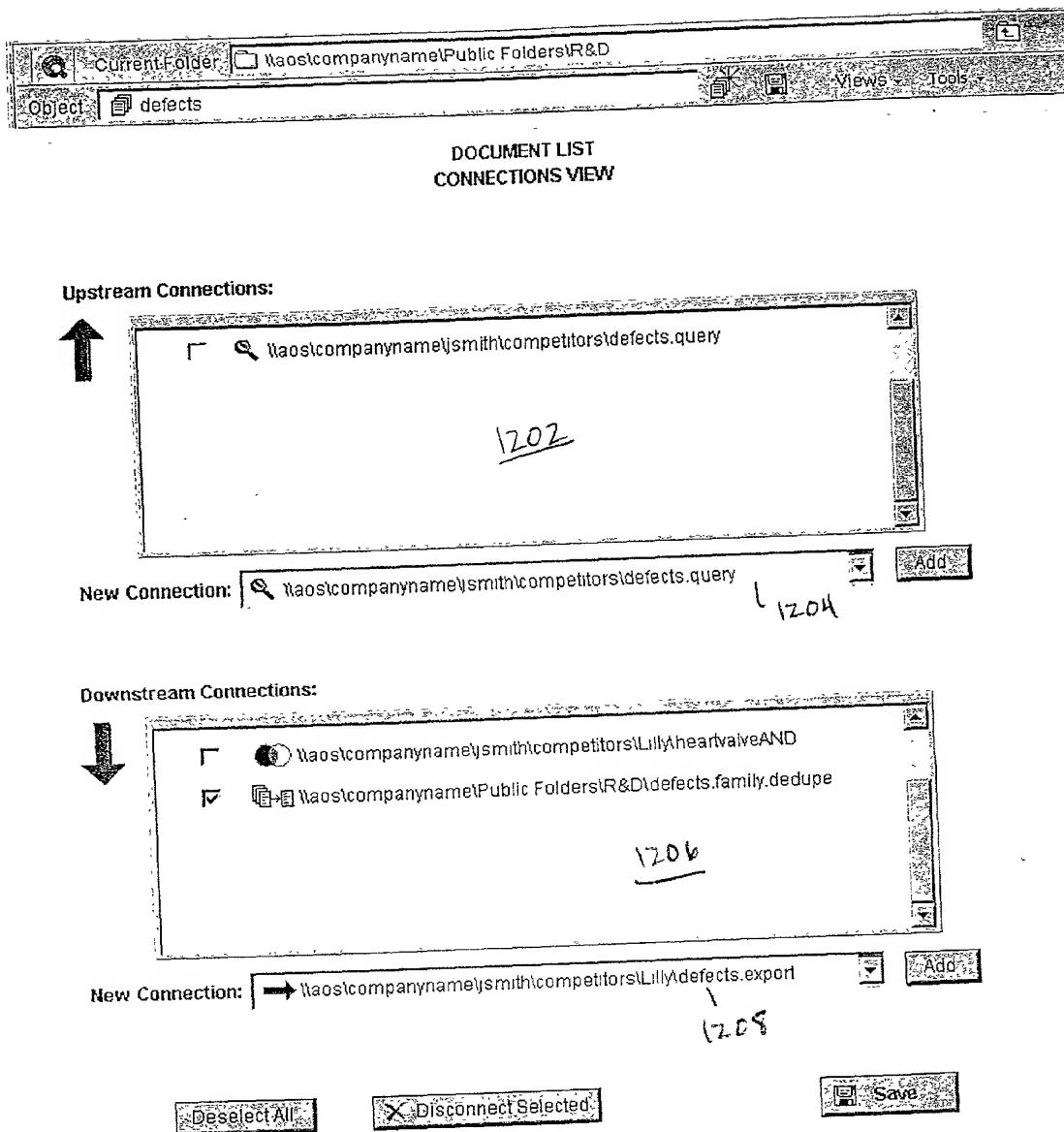


FIG. 12



1312

QUERY OBJECT

Trigger Type 1302

Manual

Start Trigger:

Tue 3/27/2001

End Trigger: 1304

No end date

Event-Based

End after: 10 occurrences

Time-Based

End by: Thu 4/5/2001

Event-Based Trigger:

Trigger on Change to:

Database

Aurigin Patent Database

Object

\aost\companyname\Public Folders\R&D\newproj.lst

1308

1304

Time-Based Trigger

Daily

Every 1 day(s)

1310

Every weekday

Weekly

Trigger every 1 week(s) on:

Sunday Monday Tuesday Wednesday
 Thursday Friday Saturday

Monthly

Day 27 of every 1 month(s)

The Fourth 5 Tuesday of every 1 month(s)

Save

Cancel

FIG. 13

Current Folder: \\aos\companyname\jsmith\competitors\Lilly

Object: antivirals

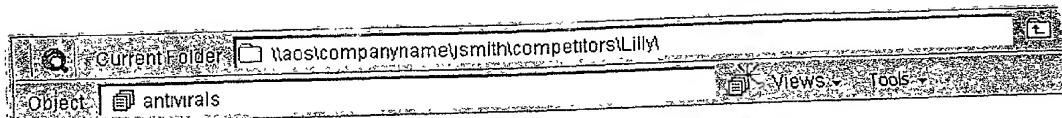
DOCUMENT LIST
ATTRIBUTE VIEW

Object Type	Document List
Path\Name	\\aos\companyname\jsmith\competitors\Lilly\antivirals
Object ID	list549
Description	all Lilly antiviral patents/apps worldwide
Object Version	1.0
Owner	jsmith
Create Date	Feb 23 2001
Modification Date	Feb 27 2001

[View Change History](#)

[Save Description](#)

FIG. 14



MODIFICATION HISTORY VIEW

Date	User	Modification Type
2/23/2001	administrator	Object created Object Type = List Name = product group 1 Path = \\aos\companyname\competitors\Lilly\ Owner = administrator Object Version = 1.0
2/23/2001	administrator	Name changed Name = antivirals
2/23/2001	administrator	Path changed Path = \\aos\companyname\jsmith\competitors\Lilly\
2/23/2001	administrator	Object Description changed
2/23/2001	administrator	Owner changed Owner = jsmith
2/27/2001	administrator	Object version updated Object Version = 2.0
2/27/2001	jsmith	Permissions changed
2/27/2001	jsmith	Annotations changed
2/27/2001	jsmith	Contents added
2/27/2001	jsmith	Contents deleted
2/27/2001	jsmith	Contents modified
3/5/2001	tjones	Object copied Name = Lilly-Antivirals Path = \\aos\companyname\tjones\competitors Owner = tjones

F-16. 15

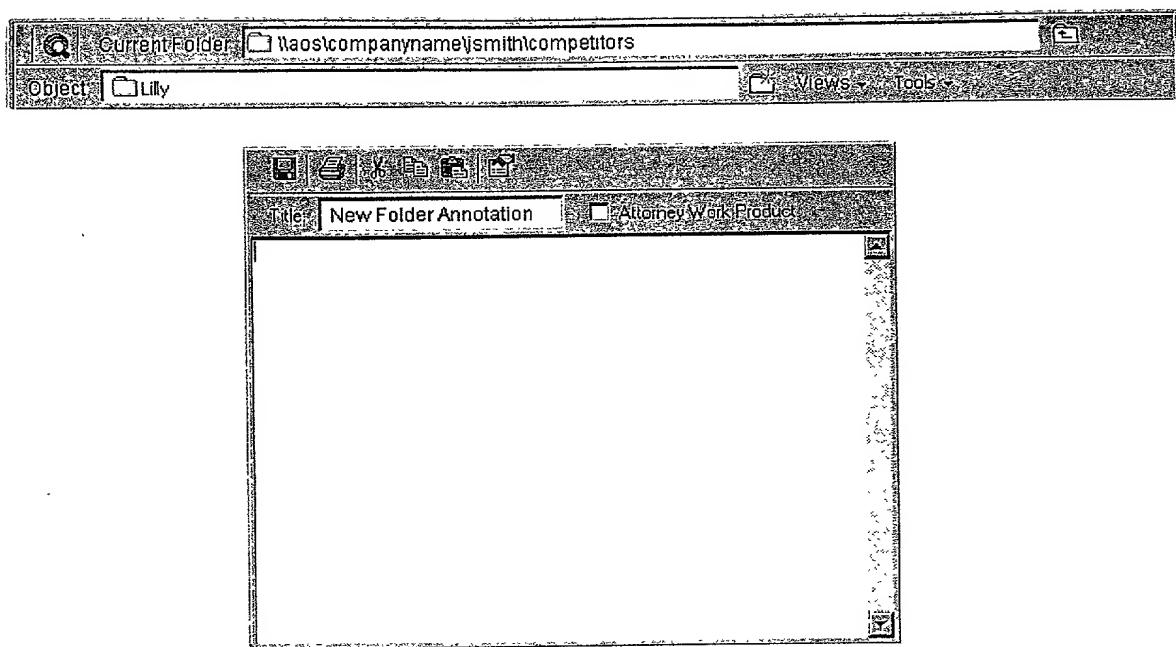


FIG. 16

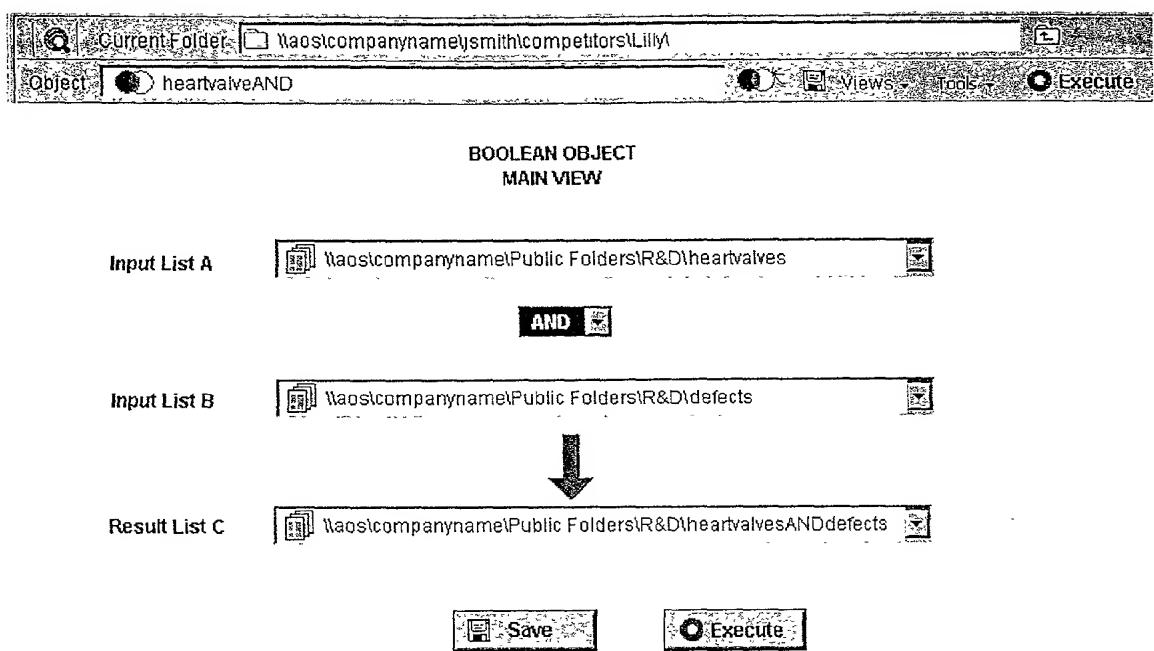
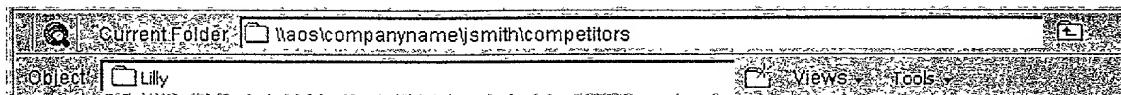


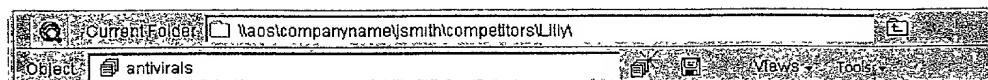
Fig. 17



CONTENT VIEW

- anti-ulcer
- anti-virals
- hypertension
- 2000.0712.uspto.Black Ice Software.TIFF.viewer.htm
- 2000.0721.uspto.record counts.bob.doc
- 2000.0811.uspto.Post Issuance.bob.xls
- 2000.1102.us.expirations.Arno's Memo (AIPA).doc
- 2000.1103.IFI.uspto.Post Issuance.bob.xls
- uspto.contacts.doc
- uspto.redbook.format.defn.02part1.pdf
- uspto.redbook.format.defn.appendix.F.08appf.pdf

FIG. 18



LIST OBJECT
LIST DISPLAY OPTIONS VIEW

Default View

- Short List View
- Full List View
- Abstract List View
- Shoebox List View

Documents Per Page

- 30
- 10
- 5
- 1

Content Change Type

- Auto-Change
- Pending-Change

Show Documents with Document Status.

- Active
- Deleted
- Pending-Add
- Pending-Delete

Sort List by

Assignee

- Ascending
- Descending

Then by

IPC Code

- Ascending
- Descending

Then by

Priority Date

- Ascending
- Descending

Show Document View Links

<input type="checkbox"/> Standard View	<input checked="" type="checkbox"/> Aurigin Family View	<input checked="" type="checkbox"/> Summary Page View
<input checked="" type="checkbox"/> Fulltext View	<input type="checkbox"/> Derwent Family View	<input checked="" type="checkbox"/> PDF Image View
<input checked="" type="checkbox"/> Claims View		<input checked="" type="checkbox"/> HTML Image View

Show Fields:

Short List View

- Country Code
- Kind Code
- Doc ID
- Title
- Priority Date
- Filing Date
- Publication Date
- Assignees
- Inventors
- IPC Code
- USPC Code
- Legal Status
- Doc Status
- Change Source
- Status Change Date
- Doc View Links
- Abstract
- Front Page Thumbnail
- Primary Drawing

Full List View

- Country Code
- Kind Code
- Doc ID
- Title
- Priority Date
- Filing Date
- Publication Date
- Assignees
- Inventors
- IPC Code
- USPC Code
- Legal Status
- Doc Status
- Change Source
- Status Change Date
- Doc View Links
- Abstract
- Front Page Thumbnail
- Primary Drawing

Abstract List View

- Country Code
- Kind Code
- Doc ID
- Title
- Priority Date
- Filing Date
- Publication Date
- Assignees
- Inventors
- IPC Code
- USPC Code
- Legal Status
- Doc Status
- Change Source
- Status Change Date
- Doc View Links
- Abstract
- Front Page Thumbnail
- Primary Drawing

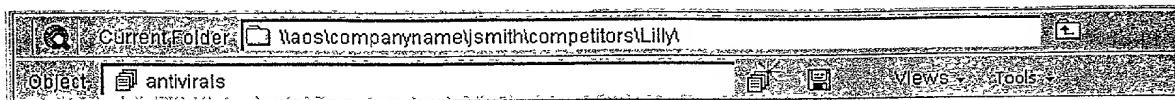
Shoebox List View

- Country Code
- Kind Code
- Doc ID
- Title
- Priority Date
- Filing Date
- Publication Date
- Assignees
- Inventors
- IPC Code
- USPC Code
- Legal Status
- Doc Status
- Change Source
- Status Change Date
- Doc View Links
- Abstract
- Front Page Thumbnail
- Primary Drawing



List Content Views: Short Full Abstract Shoebox

FIG. 19



**LIST OBJECT
SHORT LIST VIEW**

List Content Views. Short Full Abstract Shoebox

[Set View Options](#)

150 Documents

Results 1-20

Page of 8

[Prev](#) | [Next](#)

Select	Country Code	Doc ID	Doc Kind	Title	Pub Date	Status	Status Change Date	Change Source	View Document
1	<input checked="" type="checkbox"/>	US 3883561	A1	Antibiotic lactones	5/13/1975	A	2/24/2001	Query543	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
2	<input checked="" type="checkbox"/>	US 3903371	A1	Mycophenolic acid derivatives	9/2/1975	A	2/24/2001	Query549	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
3	<input checked="" type="checkbox"/>	US 3990527	A1	Anti-viral method in animals	11/30/1976	PA	3/7/2001	Query543	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
4	<input checked="" type="checkbox"/>	US 4035481	A1	Antibiotic A-28088 and process	7/12/1977	A	2/24/2001	Bool123	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
5	<input checked="" type="checkbox"/>	US 4053698	A1	Acylation of pyrazofurn	10/11/1977	PD	3/7/2001	Query549	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
6	<input checked="" type="checkbox"/>	US 4085224	A1	Method of increasing feed utilization	4/18/1978	PA	3/7/2001	Query549	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
7	<input checked="" type="checkbox"/>	US 4115197	A1	Procedure for obtaining penicilliu	9/19/1978	A	2/24/2001	Query549	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
8	<input checked="" type="checkbox"/>	US 4133876	A1	Antibiotic A-32887 and process	1/3/1979	D	2/28/2001	Manual	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
9	<input checked="" type="checkbox"/>	US 4141907	A1	Deoxynarasin antibiotics	2/27/1979	A	2/24/2001	Query543	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
10	<input checked="" type="checkbox"/>	US 4153695	A1	Substituted 2,3-dihydro imidazo[1	5/8/1979	A	2/24/2001	Bool123	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
11	<input checked="" type="checkbox"/>	US 3883561	A1	Antibiotic lactones	5/13/1975	A	2/24/2001	Query543	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
12	<input checked="" type="checkbox"/>	US 3903371	A1	Mycophenolic acid derivatives	9/2/1975	A	2/24/2001	Query549	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
13	<input checked="" type="checkbox"/>	US 3990527	A1	Anti-viral method in animals	11/30/1976	PA	3/7/2001	Query543	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
14	<input checked="" type="checkbox"/>	US 4035481	A1	Antibiotic A-28086 and process	7/12/1977	A	2/24/2001	Query549	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
15	<input checked="" type="checkbox"/>	US 4053698	A1	Acylation of pyrazofurn	10/11/1977	D	2/28/2001	Manual	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
16	<input checked="" type="checkbox"/>	US 4085224	A1	Method of increasing feed utilization	4/18/1978	D	2/28/2001	Manual	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
17	<input checked="" type="checkbox"/>	US 4115197	A1	Procedure for obtaining penicilliu	9/19/1978	D	2/28/2001	Bool123	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
18	<input checked="" type="checkbox"/>	US 4133876	A1	Antibiotic A-32887 and process	1/3/1979	A	2/24/2001	Query549	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
19	<input checked="" type="checkbox"/>	US 4141907	A1	Deoxynarasin antibiotics	2/27/1979	A	2/24/2001	Query543	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
20	<input checked="" type="checkbox"/>	US 4153695	A1	Substituted 2,3-dihydro imidazo[1	5/8/1979	A	2/24/2001	Query549	T C <input type="checkbox"/> <input checked="" type="checkbox"/>

[Select All](#)

[Deselect All](#)

[Accept Selected Pending](#)

[Delete Selected](#)

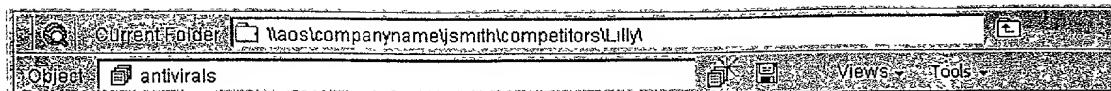
150 Documents

Results 1-20

Page of 8

[Prev](#) | [Next](#)

FIG. 20



LIST OBJECT
FULL LIST VIEW

List Content Views: Short Full Abstract Shoebox

[Set View Options](#)

150 Documents

Results 1-10

Page 1 of 15 [Go](#)

[Prev](#) | [Next](#)

Select	Country Code	Doc ID	Doc Kind	Title	Assignees	Inventors	Pub Date	IPC Code	View Document
<input checked="" type="checkbox"/>	US	3883561	A1	Antibiotic lactones	Eli Lilly and Company	Michel, Karl H.; Hoehn, Marvin M	5/13/1975	C07d 7/00	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	US	3903371	A1	Mycophenolic acid derivatives	Eli Lilly and Company	Holmes, Richard E.	9/2/1975	[2] C07H 7/00	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	US	3990527	A1	Anti-viral method in animals	Eli Lilly and Company	GALE, CHARLES; McDougal, Larry F.	11/30/1976	[2] A61K 36/00; [2] A61K 7/1	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	US	4035481	A1	Antibiotic A-28086 and process for production thereof	Eli Lilly and Company	Berg, David H.; HAMILL, ROBERT L.; Hoehn, Marvin M	7/12/1977	[2] A61K 7/00	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	US	4053698	A1	Regulation of pyrazofurin	Eli Lilly and Company	Gurovski, Gerald E.	10/11/1977	[2] C07D 7/40; [2] C07H 7/06; [2] C07D 7/38; [2] C07H 7/02	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	US	4085224	A1	Method of increasing feed utilization	Eli Lilly and Company	Berg, David H.; HAMILL, ROBERT L.; Hoehn, Marvin M	4/19/1978	[2] A61K 7/35	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	US	4115197	A1	Procedure for obtaining penicillium species mutants with improved ability to synthesize mycophenolic acid	Eli Lilly and Company	Queener, Stephen W.; Nash, III, Claude H.	8/19/1978	[2] C12K 7/02; [2] C12D 1/10; [2] C12D 7/06	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	US	4133578	A1	Antibiotic A-28086 and process for production thereof	Eli Lilly and Company	HAMILL, FLEMMING L.; Hoehn, Marvin M.	7/5/1979	[2] A61K 7/00	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	US	4141907	A1	Deoxynarasin antibiotics	Eli Lilly and Company	Nakatsukasa, Walter M.; HAMILL, ROBERT L.; MARCONI, GARY G.; Neuss, Norbert	2/27/1979	[2] A61K 7/35; [2] C07D 7/22	T C <input type="checkbox"/> <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	US	4153695	A1	Substituted 2,3-dihydro imidazo[1,2-c]pyrimidines	Eli Lilly and Company	Turner, William W.	5/8/1979	[2] A61K 7/505; [2] C07D 7/04	T C <input type="checkbox"/> <input checked="" type="checkbox"/>

[Select All](#)

[Deselect All](#)

[Accept Selected Pending](#)

[Delete Selected](#)

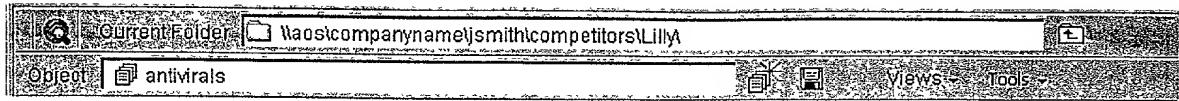
150 Documents

Results 1-10

Page 1 of 15 [Go](#)

[Prev](#) | [Next](#)

FIG. 21



LIST OBJECT
SHOEBOX LIST VIEW

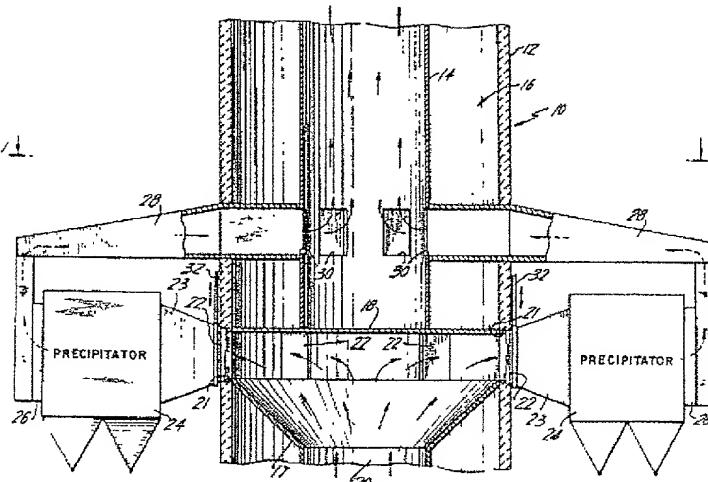
Document 1 of 27 [Go](#)

[Prev](#) | [Next](#)

MULTIPLE UNIT PRECIPITATOR APPARATUS

Doc ID: US 3631655 A1
Assignee: Buell Engineering Company, Inc.
Pub Date: 01/04/1972

[T](#) [C](#) [S](#) [A](#)



Current Folder: \\aost\companyname\jsmith\competitors

Object: \\aost\companyname\Public Folders\R&D\newproj.lst

Views Tools Search

Search Target

Database Aurigin Patent Database

List \\aost\companyname\Public Folders\R&D\newproj.lst

Document Type Granted Patents

	US	PCT	JP	EP	DE	GB	Global
Applications	<input type="checkbox"/>						
Granted Patents	<input checked="" type="checkbox"/>						

Match All Fields

Document ID

Entire Document

hide text searching options

Title Only

Abstract Only

Claims Only

Assignee

hide searchable patent fields

Inventor

Issue/Pub Date Any and (mm/dd/yyyy)

Filing Date Any and (mm/dd/yyyy)

US Class

Int'l Class

Search

FIG. 23

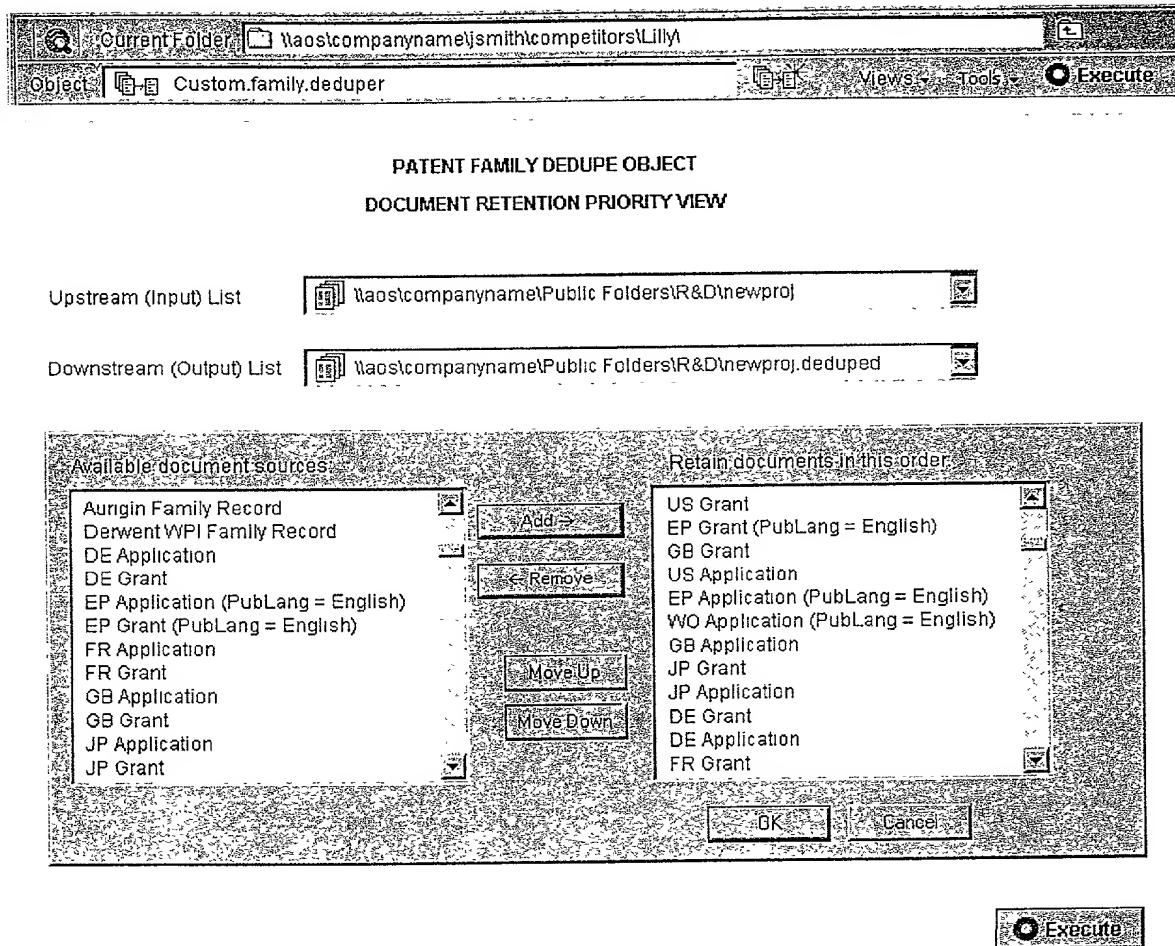
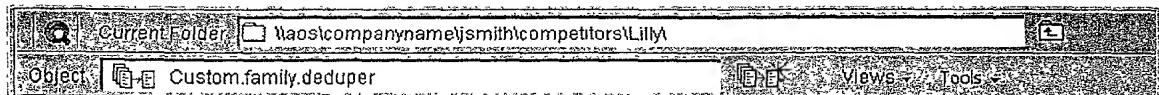


FIG. 24



PATENT FAMILY DEDUPE OBJECT
FAMILY DEFINITION VIEW

Standard Family Definition:

- Inpadoc Family
- Derwent Family

Custom Family Definition:

- Identical Priority Family
- Priority-in-Common Family

Components for Custom Family Definitions:

Application Level:

- Application to Priority
- Continuation in Part to Application
- Post-Issuance to Application
(Supplemental Search Reports, Corrections, etc)
- Transfer of Application
(PCT Transfers (W1, W4), EPO National Application Transfers, etc)

Grant Level

- Grant to Application
- Reissue of Grant

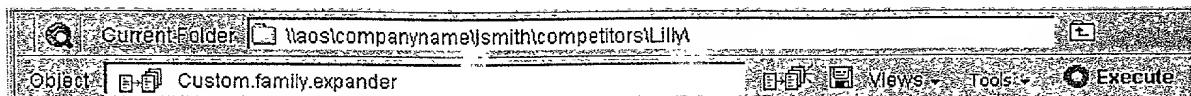
Post-Grant Level:

- Post-Issuance to Grant
- Re-exam of Grant
- Certificate of Correction to Grant
- EP National Transfers (R1, R4) based on EP Regional Grant
- National Level Translations (T) based on EP Grant

Other Family Member Types:

- Technical Equivalent Family Member

FIC. 25



PATENT FAMILY EXPAND OBJECT
DOCUMENT INCLUSION VIEW

Upstream (Input) List

Downstream (Output) List

Document Types to Include

- Pseudo-Documents
- Primary Patent Documents
- Secondary Patent Documents

Standard Family Definition: Custom Family Definition.

- Inpadoc Family Identical Priority Family
- Derwent Family Priority-in-Common Family

Components for Custom Family Definitions:

Application Level:

- Application to Priority
- Continuation in Part to Application
- Post-Issuance to Application
(Supplemental Search Reports, Corrections, etc)
- Transfer of Application
(PCT Transfers (W1, W4), EPO National Application Transfers, etc)

Grant Level:

- Grant to Application
- Reissue of Grant

Post-Grant Level:

- Post-Issuance to Grant
- Re-exam of Grant
- Certificate of Correction to Grant
- EP National Transfers (R1, R4) based on EP Regional Grant
- National Level Translations (T) based on EP Grant

Other Family Member Types:

- Technical Equivalent Family Member



FIG. 2b

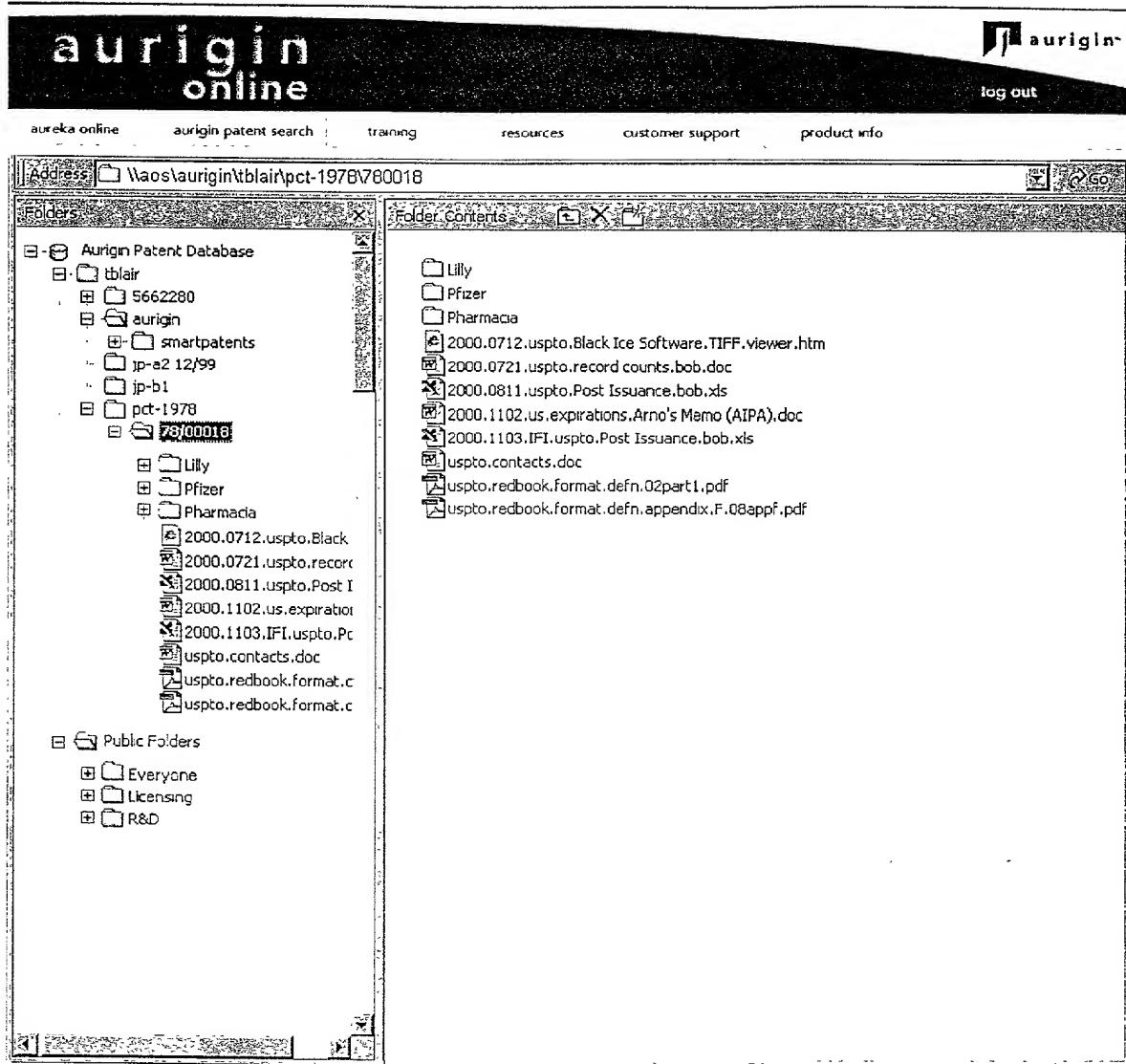


FIG. 27

2802

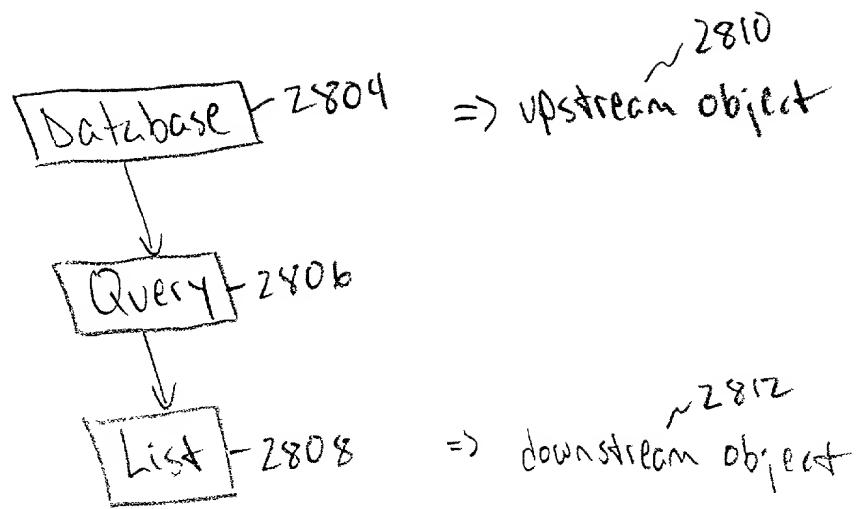


Fig. 28

2902

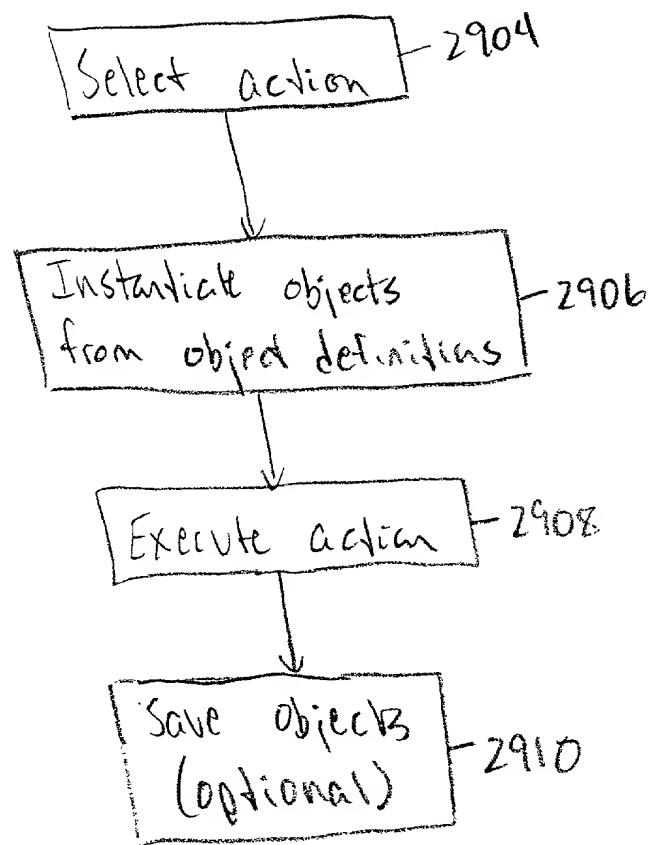
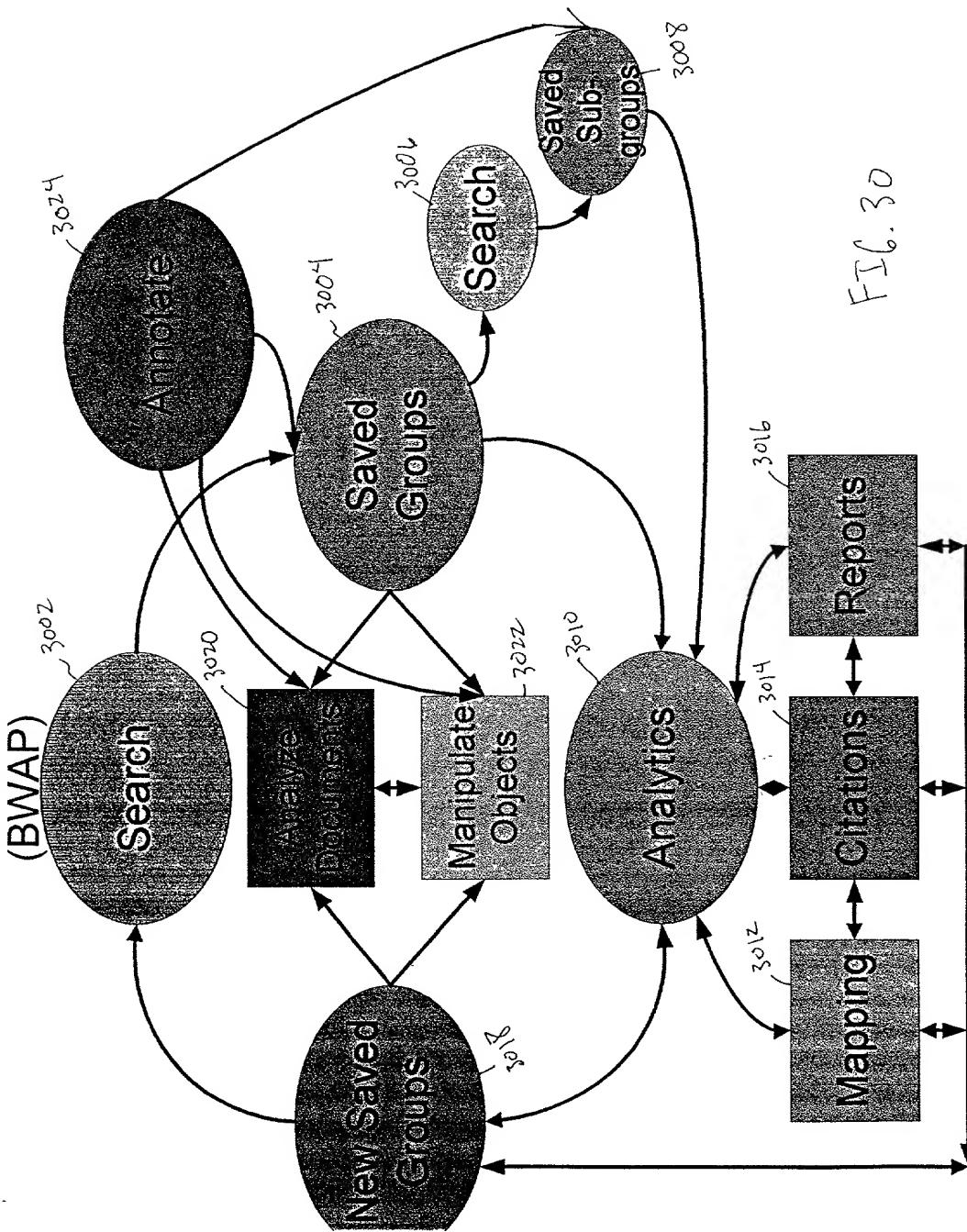


FIG. 29

Business Workflow and Analytics Portal



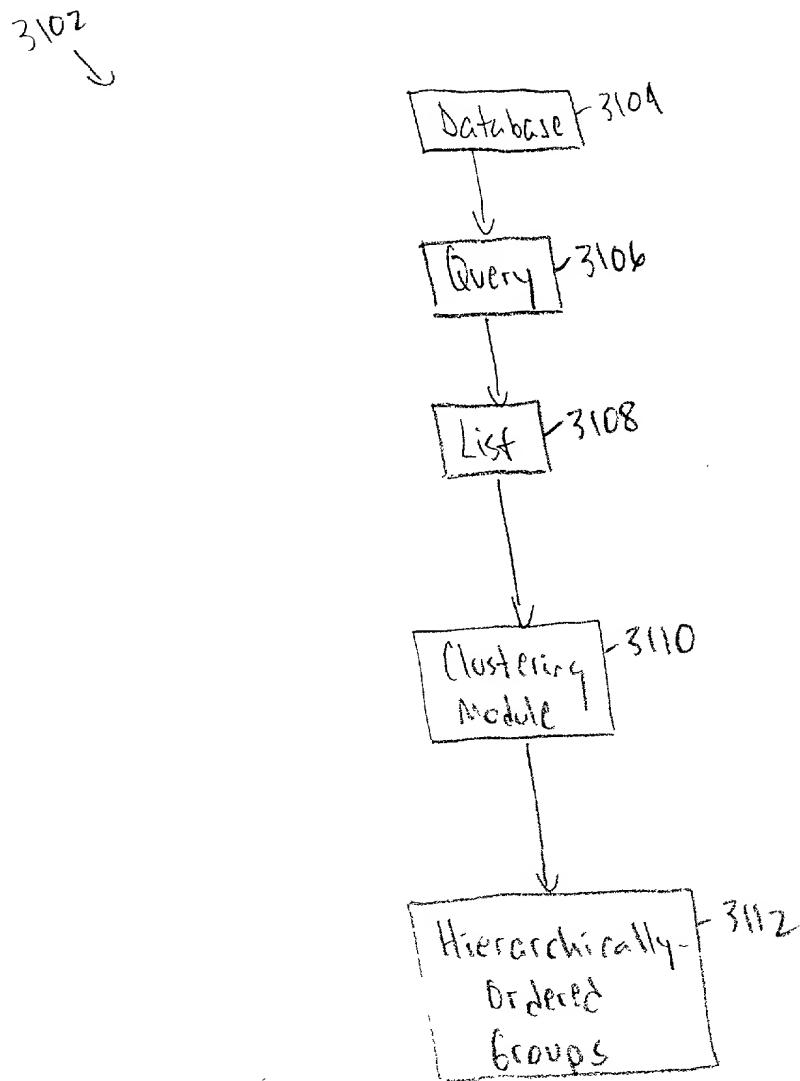


FIG. 31

CDMA ~ 3202

CDMA Technologies ~ 3204A

Code Division Multiple Access ~ 3204B

CDMA System ~ 3204C

Spread Spectrum ~ 3204D

Direct Marketing ~ 3204E

GSM ~ 3204F

WAP ~ 3204G

Industry ~ 3204H

FIG. 32

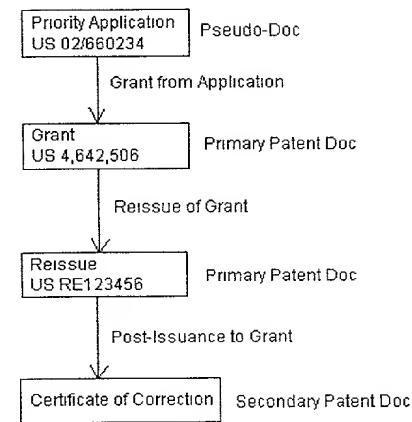


FIG. 33

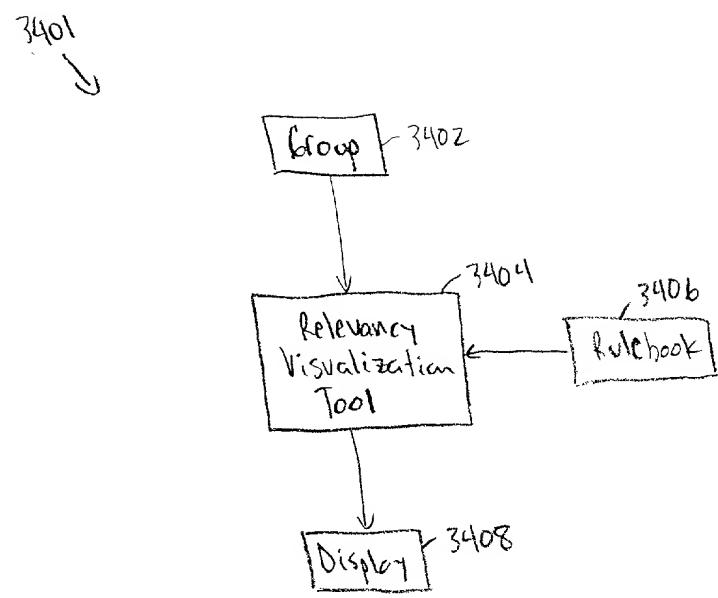


FIG. 34

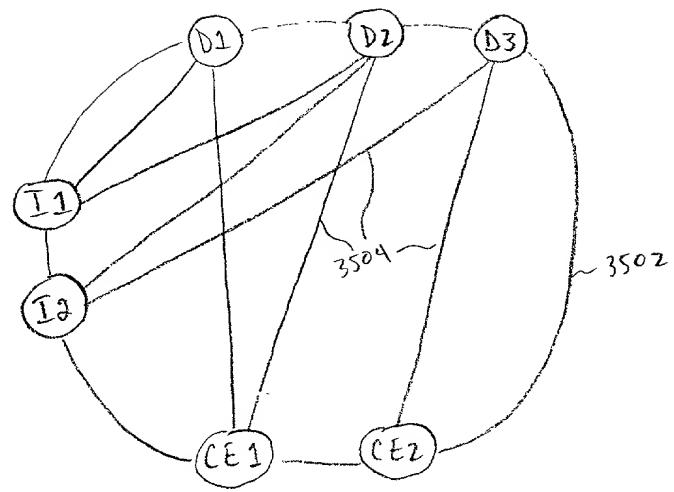
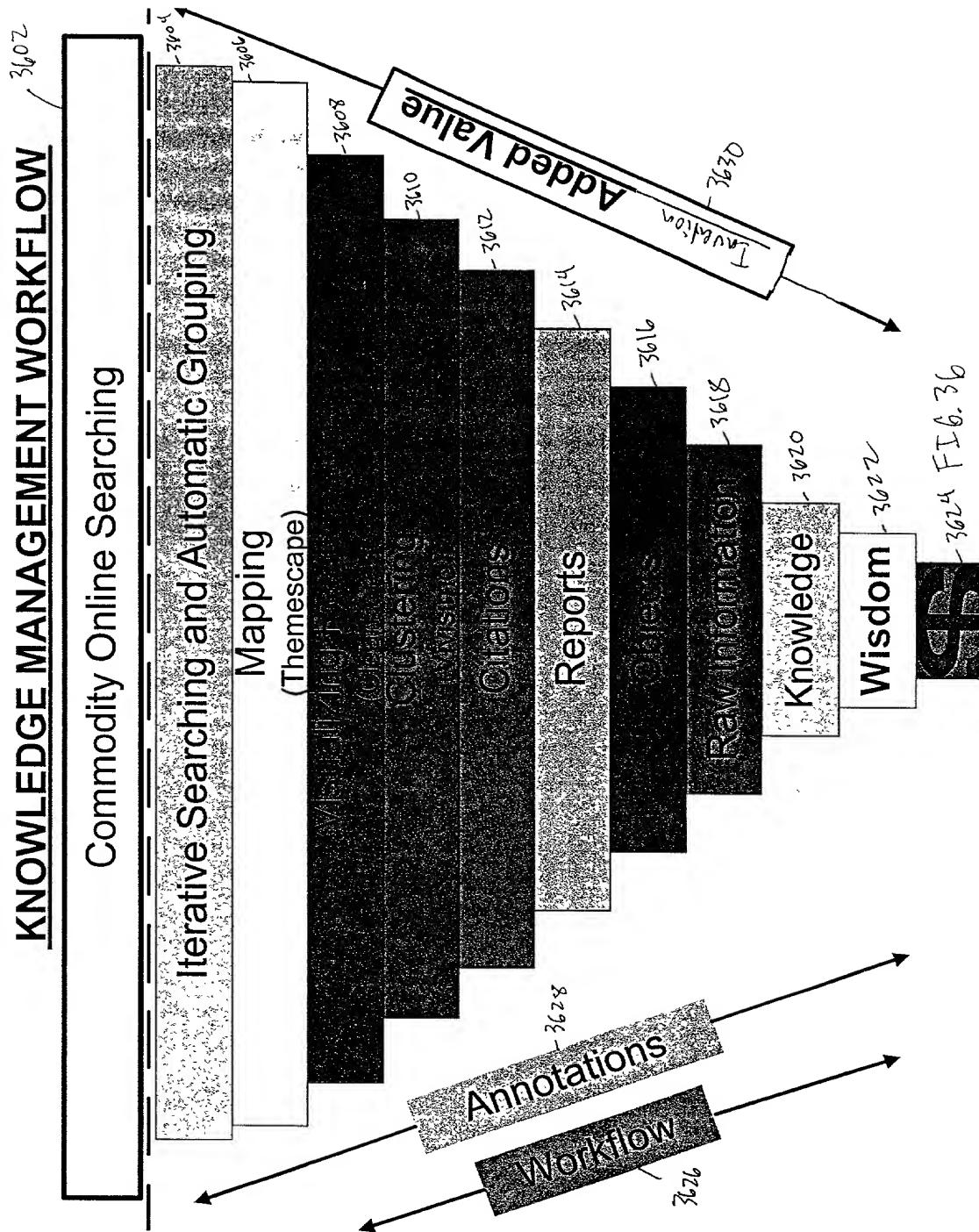


FIG. 35



Business Workflow and Analytics Portal (BWAP)

Types of Searching

- Morphological
- Lexical
- Syntactic
- Semantic
- Discourse
- Pragmatic

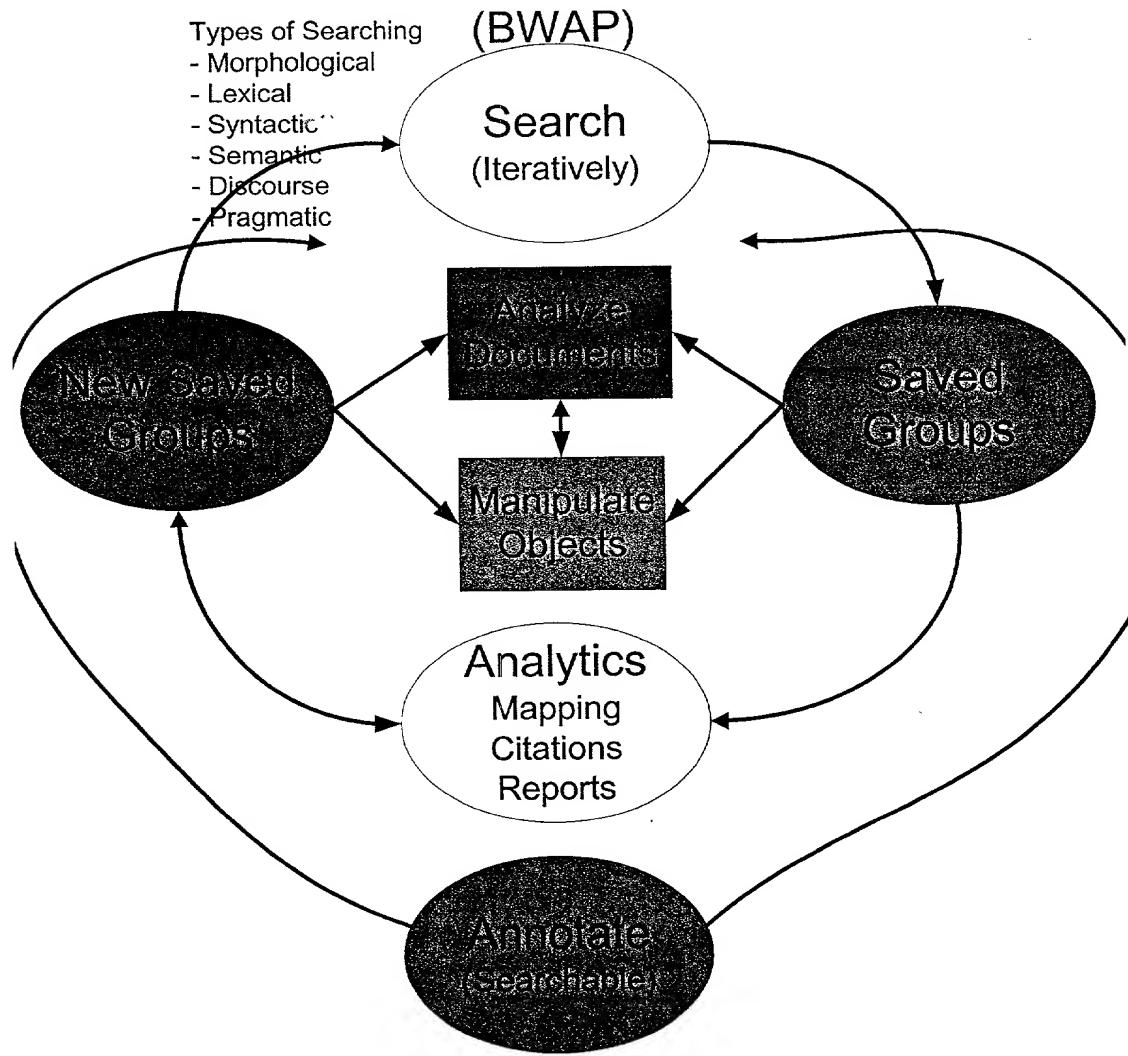


FIG. 3.7